## IN THE ABSTRACT

Please amend the abstract as follows:

The invention relates to aA method and apparatus are provided for the transmission of radio data between at least two transmitters and one receiver, said method employing at least one multi-carrier data transmission signal. The aforementioned multi-carrier signal is formed by a temporal succession of symbols comprising: (i) informative data elements (10), and (ii) reference elements known as pilots—(11) which are distributed within the informative data elements according to a predetermined pattern. Moreover, the value of said pilots at transmission is known to the receiver. According to the invention, at At least two transmitters use different pilot patterns (20, 21, 22) such that, at a give instant and a give frequency, only one pilot can be received (possibly with other informative data elements) by the receiver from other transmitters.